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DEC 15 2004

TRANSMITTAL FORM *(to be used for all correspondence after initial filing)*	Application Number	09/531,016
	Filing Date	3/20/2000
	First Named Inventor	Edlund, Stefan B.
	Art Unit	2174
	Examiner Name	Thanh Vu
Total Number of Pages in This Submission 21	Attorney Docket Number	AM9-99-0216

ENCLOSURES *(Check all that apply)*

[X] Fee Transmittal Form
   [ ] Fee Attached
[ ] Amendment / Reply
   [ ] After Final
   [ ] Affidavits/declaration(s)
[ ] Extension of Time Request
[ ] Express Abandonment Request
[ ] Information Disclosure Statement
[ ] Certified Copy of Priority Document(s)
[ ] Response to Missing Parts/ Incomplete Application
   [ ] Response to Missing Parts under 37 CFR 1.52 or 1.53

[ ] Drawing(s)
[ ] Licensing-related Papers
[ ] Petition
[ ] Petition to Convert to a Provisional Application
[ ] Power of Attorney, Revocation Change of Correspondence Address
[ ] Terminal Disclaimer
[ ] Request for Refund
[ ] CD, Number of CD(s) _____

[ ] After Allowance communication to Technology Center (TC)
[ ] Appeal Communication to Board of Appeals and Interferences
[X] Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
[ ] Proprietary Information
[ ] Status Letter
[ ] Other Enclosure(s) (please identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Lacasse & Associates, LLC
Signature	
Date	December 15, 2004

CERTIFICATE OF TRANSMISSION/MAILING

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Signature		Date	

DEC 15 2004

FEE TRANSMITTAL
for FY 2005

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 500.00

Complete if Known

Application Number	09/531,016
Filing Date	3/20/2000
First Named Inventor	Stefan Edlund
Examiner Name	Thanh T. Vu
Art Unit	2174
Attorney Docket No.	AM9-99-0216

METHOD OF PAYMENT *(check all that apply)*

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number	09-0441
Deposit Account Name	IBM CORPORATION

The Director is authorized to: *(check all that apply)*

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, **except for the filing fee**
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below		Fee Paid
Total Claims		-20**=		X	=
Independent Claims		- 3**=		X	=
Multiple Dependent				=	

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) ($) 0

** *or number previously paid, if greater; For Reissues, see above*

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	500
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,370	2453	685	Petition to revive – unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
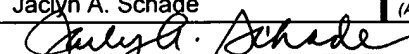
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 500

SUBMITTED BY

Complete *(if applicable)*

Name (Print/Type)	Jaclyn A. Schade	Registration No. (Attorney/Agent)	50569	Telephone	(703) 838-7683
Signature				Date	12/15/2004

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DEC 15 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPEAL BRIEF – 37 C.F.R § 1.192

U.S. Patent Application 09/531,016 entitled,

"A System and Method for Scheduled Events to Subscribe to Live Information Topics"

Real Party of Interest: International Business Machines Corporation

Related Appeals and Interferences:

None

Status of Claims:

Claims 22, 24, 26-27, and 29-43 are pending.

Claims 22, 24, 26-27, and 29-43 stand rejected under 35 U.S.C. § 102(e) as being

anticipated by Barnett et al. (USP 6,369,840).

Status of Amendments:

No amendments have been filed since the final rejection issued 07/15/2004.

Summary of Claimed Subject Matter:

(NOTE: All citations are made from the original specification, including the figures.)

In order to link a calendar entry to any number of topics and up-to-date information on

the topics, the present invention provides a method of mapping electronic calendar events to at

least one topic publisher providing a service comprising the steps of: receiving *(element 120)* a

calendar entry for an event *(elements 102 and 108)* associated with a topic subscriber *(figure 1;*

page 5, lines 17-20); identifying a category associated with said calendar entry *(element 108)*

and at least one service associated with said category *(page 5, line 21-page 6, line 4)*; mapping

said event to a set of topic names for said services *(element 106; page 6, lines 4-14)*; and

identifying *(element 110)* one or more topic channels *(elements 114a, 114b, 114c)* which are

associated with said topic names. The topic channels are linked with topic channels remotely

provided by the topic publisher *(element 150)*. Next is incorporating *(element 102)* a link to the

one or more topic channels of the event *(elements 114a, 114b, 114c; page 6, lines 14-16; page*

7, lines 8-10) within the event. The method then includes a step of frequently receiving updated

service messages from the topic publisher *(element 150)* for the topic names and topic channels

that are associated with the event *(page 7, lines 11-14; page 8 lines 11-14 and 18-20)* . The

present invention may also comprise the additional step of parsing a calendar event to identify at

least one event category *(page 6, lines 1-4 and 13-14)*, wherein at least the one event category is

used to determine one or more topic channels. To incorporate a link, the claimed method further

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determines if a link to a related service already exists; and if the link to the service does not exist, a link is created and opened *(page 7, lines 11-12)*. The topic channels are provided by a topic publisher providing an information service *(element 150; page 7, lines 4-5; figure 1)*. The calendar event may also be persistently stored *(page 7, lines 12-14)*. Also, when identifying one or more topic channels, the method may also comprise the step wherein if no topic channels are identified for a specific topic name *(element 208, figure 2)*, a new topic channel is created corresponding to said specific topic name *(element 210; page 8, lines 1-2)*, wherein the new topic channel links the calendar entry with a corresponding topic channel remotely provided by a topic publisher *(element 216; page 8, line 4)*.

The present invention claims a method of creating topic channels for linking calendar events to service messages from a topic publisher comprising the steps: receiving *(element 102)* a calendar entry for an event *(element 202; page 7, line 21)* associated with a topic subscriber *(element 120; figure 1; page 5, lines 17-20)*; then determining a set of topic names for at least one service associated with said calendar entry *(page 4, lines 19-21; element 204; page 7, lines 21-22)*. For each particular topic name in the set of topic names *(element 206)*, the following steps are performed: determining if a corresponding topic channel exists for the particular topic name *(element 208; figure 2; page 6, lines 14-16; page 7, line 21-page 8, line 2)*, wherein the topic channels are linked with topic channels remotely provided by said topic publisher *(figure 1; page 7, lines 1-3)*. If the topic channel does not exist, then the method includes a step of creating a corresponding topic channel *(element 210; figure 2)*; and adding the corresponding topic channel to a set of topic channels *(element 212; figure 2; page 6, lines 16-18 and line 19; page 7, line 3; page 8, lines 2-4)*. For each topic channel in the set of topic channels, the method then includes creating a link in the calendar event to the topic channel *(page 7, lines 11-12; element 216; figure 2; page 8, line 4)*. The method also includes receiving frequently updated service messages from the topic publisher for the topic names and topic channels that are associated with the event *(page 3, lines 18-19; page 8, lines 11-20)*.

A subscription system for mapping a topic subscriber creating electronic calendar events to a topic publisher is claimed in the present invention. The system comprises a calendar server

(element 100) handling request for a new calendar entry *(element 120)*. The server comprises a

request handler *(element 102)*, a topic selector *(element 104)*, a topic binding repository

(element 106), a topic finder *(element 110)*, and a topic creator *(element 112)*. The request

handler *(element 102)* receives a request *(element 120)* for the calendar entry for an event

(element 108) associated with a topic subscriber to be scheduled *(page 5, lines 19-20)*. The topic

selector *(element 104)* identifies a category associated with the calendar entry and at least one

service associated with the category *(page 5, line 20-page 6, line 4)*. The topic binding

repository *(element 106)* maps the calendar event to a set of topic names for said services *(page

6, lines 4-14)*. Then, the topic finder *(element 110)* determines the existence of a set of topic

channels provided by said topic publisher *(element 150)*. The channels correspond to the topic

names received from the repository *(figure 1)*, and the topic finder further identifies at least a

first and second subset of said set of topic channels *(page 6, lines 13-18; figure 1)*. The first

subset is populated by topic channels which currently exist within said calendar system

(elements 114a, 114b and 158a, 158b), while the second subset is populated by topic channels

which currently do not exist within said calendar system *(elements 114c, 158c)*. The topic

creator *(element 112)* creates within the calendar system a set of new topic channels

corresponding to each element of the second subset *(element 158c; page 6, lines 17-21)*. The

topic creator then returns the new channels to the topic finder in order to establish a subscription

for frequently updated collections of information to be forwarded to a topic selector *(page 7,

lines 1-3)*. The topic selector retrieves the topic names and topic channels associated with the

calendar event as established by the topic finder *(page 7, lines 4-10)*, and the request handler

processes the calendar event by adding a link in said calendar event to each associated topic

channel received from the topic selector *(page 7, lines 11-12; element 216; page 8, line 4)*. The

topic channel passes messages from a topic publisher to a topic subscriber, and frequently

updates service messages from the topic publisher for the topic names and topic channels

associated with the event *(page 7, lines 12-14; figure 1; page 8, lines 13-16 and 18-20)*.

An article of manufacture comprising a computer user medium having a computer readable

program code embodied therein which implements mapping calendar events to service messages

from topic providers, said subscribing comprising the steps: receiving *(element 120)* a calendar

entry for an event *(elements 102 and 108)* associated with a topic subscriber *(figure 1; page 5, lines 17-20)*; identifying a category associated with the calendar entry *(element 108)* and at least one service associated with the category *(page 4, lines 19-21; page 5, line 21-page 6, line 4)*; mapping the event to a set of topic names for the services *(element 106; page 6, lines 4-14)*; determining the existence of one or more topic channels *(element 204; page 7, lines 21-22)*, provided by the topic publisher *(element 150; figure 1)*, which are associated with the topic names *(page 8, lines 1-4)*; opening at least one subscription for the service, each of the subscription(s) corresponding to one of said one or more topic channels of said event *(page 7, lines 11-12; page 8, lines 13-14)*, incorporating *(element 102)*, within the event, a link to each of said at least one subscription *(page 8, lines 11-18)*, and receiving frequently updated service messages from the topic publisher *(element 150)* for the topic names and topic channels that are associated with said event *(page 7, lines 11-14; page 8 lines 11-14 and 18-20; page 8, lines 18-21)*.

Grounds of Rejection to be Reviewed on Appeal:

1. Was a proper rejection made under 35 U.S.C. § 102(e) using existing USPTO guidelines?

ARGUMENT:

1.   Was a proper rejection made under 35 U.S.C. § 102(e) using existing USPTO guidelines?

In the examiner's rejection on 1/28/04, the claims were rejected under 35 U.S.C. ∋ 102 (e) as being anticipated by the Barnett reference. An amendment ("A") was filed on 4/28/04. A telephone interview was held on May 12, 2004 with Examiner Thanh Vu and his supervisor Examiner Kristine Kincaid. It was suggested by the examiner that claim 39 needed to be amended to incorporate the changes made in claim 22 into claims 33 and 42. As a result of the interview and in an effort to cooperate with the examiner to further the prosecution, independent claims 33, 39, and 42 were amended, in addition to amendments made in claims 24, 26, 27, 29, 30 and the addition of claim 43. Changes were made to the independent claims as discussed during the telephone interview and a supplemental amendment ("amendment B") was filed on 5/26/04. However, a final rejection was issued on 7/15/04. In the final rejection the examiner acknowledges that "the changes suggested and made would overcome the Barnett reference," but upon closer examination of the claim language Barnett still read on the present invention. An interview summary was never received.

REJECTIONS UNDER 35 U.S.C. § 102(e)

The examiner has rejected claims 22, 24, 26-27, and 29-43 under 35 U.S.C. § 102(e) as being anticipated by USP 6,396,840 (Barnett et al.), hereafter Barnett. For a claim to be properly rejected under 35 U.S.C. § 102(e), each and every element of the claim must be found and described in a single reference. Barnett fails to provide or suggest many of the claimed elements and therefore is deemed an improper rejection under 35 U.S.C. § 102(e). While Barnett uses some similar terminology, it is the unique limitations, functions, and interrelationships of the elements used in the claims of the present invention that must be considered.

Barnett discloses a system that allows a user to browse event categories that are of interest and view events that are associated with that category. The user then selects an event of interest and information associated with the selected event, such as the time and date the event is to take place, is viewed by the user. The user may then choose to add the event to his calendar, and the event is placed by the system into his calendar for later viewing.

Barnett does not retrieve information for calendar events as described in the present invention. Barnett <u>requires a user to manually search</u> categories, manually retrieve calendar events related to a selected category, and then manually store event information in a calendar. One result of the claims of the present invention is to eliminate the searching, retrieval, and storing of event information in order to reduce costs. The present invention allows a user to create a calendar event and <u>the system</u> subsequently (not before) <u>searches and matches topics that are related to the created event</u>. <u>Links</u> to those topics are then created, allowing the user to later view up-to-date information on the associated topics of the calendar event. In addition, Barnett <u>does not subscribe</u> electronic calendar events to dynamic information providers; rather, provider information is manually searched, and electronic calendar events are chosen according to the requirements and specifications of the user.

As per claim 22, the system in Barnett does not map electronic calendar events to an outside topic publisher. In the present invention, a user creates a calendar event, such as a trip to Boston, MA and it is received by the system. The system then automatically maps the entry to services such as weather and flight schedules (topic names). From those services, topic channels are determined so that a link can be created to constantly provide up-to-date information for weather and flight schedules related to Boston, MA. Barnett fails to provide the element of <u>identifying one or more topic channels which are associated with said topic names</u> as suggested by the examiner. Rather, Barnett requires the user to manually search information topics in order to see the already scheduled calendar events that are available to add to his own calendar. The examiner provides column 10, lines 15-20 and 23-43 and figure 15 on page 3 of his argument as correlating with this feature. However, a closer reading of the citations and the reference in its entirety discloses that the Barnett reference merely discusses the collection of event data. It does not describe searching or identifying channels for related information as in the present invention. Further, Barnett does not provide or suggest a subscription or <u>link to topic channels</u> that are found to be related to the calendar event. The examiner points to column 11, lines 28-31 and figures 7A and 7B of Barnett. However, this description discusses the user accessing events in which the user has pre-defined as favorite events or events of interest. Barnett does not disclose the linking of calendar events and topic channels as described in the present invention. In the

present invention, the system incorporates a link such that messages are frequently updated and associated with the calendar event. However, in Barnett, the user is required to search for additional information related to the calendar entry. Overall, Barnett teaches away from the present invention's goal of eliminating data searching, retrieval, and storage of related information. Therefore, as Barnett does not provide each and every element of the claim, the rejection is improper.

Claims 24 and 26 have been noted by the examiner on page 3 as describing a method of identifying at least one event category or characteristic in order to determine topic channels, particularly in column 9, lines 60-67 and column 10, lines 1-10 and 23-43 of Barnett. However, a closer reading of the citations and the Barnett reference in its entirety discloses that the Barnett reference merely discusses an event directory screen that displays hyperlinks to a user, such that the user may obtain more information by subscribing to events that are scheduled by outside companies or schedulers. The events described in Barnett are already scheduled and presented to the user in a directory. This teaches away from the present invention. The present invention allows a user to create a unique entry, and from that entry the system provides links that are related to the event such that the user may receive service messages associated with the event. Barnett fails to discuss the use of the system to determine related categories, characteristics, or topic channels as in the present invention. Furthermore, claims 24 and 26 are dependent on claim 1, and, as Barnett does not disclose a method of identifying and incorporating topics that are related to a calendar event, and the rejection is deemed improper.

Claim 27 is described by the examiner on page 4 as being taught by column 10, lines 54-67 and column 11, lines 3-6 in Barnett. Here, Barnett discloses the use of servers using event cache to provide improved performance and allowing user to access the event cache. Specifically, the apparatus receives event feed from content partners and stores the events in a database, implementing them as a collection of programs and scripts for automated operation and import of event data. Once an event has been cached, event data can be accessed from the cache or the database if needed. Claim 27, however, is directed toward creating and opening a link to one or more topic channels of a particular event should one not already exist. Barnett does not

disclose the method of creating a link according a user-input calendar event here in these lines

nor anywhere in the disclosure, and therefore is not a proper rejection. Also, claim 27 is

dependent on claim 22, and, as already noted, Barnett does not provide each and every element

of the claimed invention.

Claims 29-32 are dependent on claim 22 and therefore the above arguments apply to each

of these dependent claims. Claim 43 is also dependent on claim 22. Barnett requires a user to

search categories, retrieve calendar events related to a selected category, and then store event

information in a calendar. Barnett obtains calendar events from partners/providers, that is,

events that the providers create, and allows a user to view information related to the event.

However, Barnett does not include the step of creating a new topic channel corresponding to a

topic name in order to link a calendar entry with the topic channel as provided in the present

invention. The lines noted by the examiner on pages 8 and 9 of his argument—column 10, line

54-column 11, line 27—with regard to claim 43 describe the user manually finding a link to

content, and, therefore, teach away from the present invention's use of a system to identify and

link a calendar event.

For claim 33, the examiner has argued that column 10, lines 23-43 and 54-67 and column

11, lines 3-7 in Barnett disclose the elements of determining and creating a topic channel.

Again, Barnett discloses that the apparatus receives event feed from content partners and stores

the events in a database, implementing them as a collection of programs and scripts for

automated operation and import of event data. Once an event has been cached, event data can be

accessed from the cache or the database if needed. As previously noted, Barnett requires a user

to search categories, retrieve calendar events related to a selected category, and then store event

information in a calendar. The present invention obtains information from topic providers that is

related to a calendar event (e.g. weather conditions). If information is not readily available, the

present invention creates a corresponding link (with a provider). Barnett, however, obtains

calendar events from partners/providers, that is, events that the providers create, and allows a

user to view information related to the event (such as date and time the event is to take place)

before adding the event as a calendar entry. Further, Barnett does not disclose incorporating a link as described in the claim within a calendar event to topic channels.

As claims 34-38 are dependent on claim 33, the above arguments substantially apply to each of the dependent claims. Furthermore, the examiner has provided similar citations from the Barnett reference for claims 39-42. As claims 39-42 of the present invention provide for many of the limitations associated with claims 22-32 and 43, the argument presented for claims 22-32 substantially apply to claim 39-42.
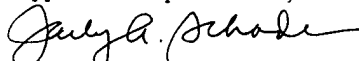
SUMMARY

It has been shown that Barnett does not disclose many of the claimed elements of the present invention, nor are they suggested by the teachings of Barnett. As such, Barnett does not provide the claimed elements as required under 35 U.S.C. ∋ 102(e) or, alternatively, does not suggest these features under 35 U.S.C. ∋ 103.

As has been detailed above, none of the references, cited or applied, provide for the specific claimed details of applicant's presently claimed invention, nor render them obvious. It is believed that this case is in condition for allowance and reconsideration thereof and early issuance is respectfully requested.

As this Appeal Brief has been timely filed within the set period of response, no petition for extension of time or associated fee is required. However, the Commissioner is hereby authorized to charge any deficiencies in the fees provided, to include an extension of time, to Deposit Account No. 09-0441.

Respectfully submitted by
Applicant's Representative,

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Claims Appendix:

1-21. (cancelled)

22. A method of mapping electronic calendar events to at least one topic publisher providing a service comprising the steps of:

    receiving a calendar entry for an event associated with a topic subscriber;

    identifying a category associated with said calendar entry and at least one service associated with said category;

    mapping said event to a set of topic names for said services;

    identifying one or more topic channels which are associated with said topic names, said topic channels linked with topic channels remotely provided by said topic publisher;

    incorporating, within said event, a link to said one or more topic channels of said event, and

    receiving frequently updated service messages from said topic publisher for said topic names and topic channels that are associated with said event.

23. (cancelled)

24. A method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, comprising the additional step of parsing said calendar event to identify at least one event category, wherein said at least one event category is used when determining said one or more topic channels.

25. (cancelled)

26. A method of mapping electronic calendar events to at least one topic publisher providing a service, as per claim 22, comprising the additional step of parsing said calendar event to identify at least one event characteristic, wherein said at least one event characteristic is used when determining said one or more topic channels.

27.   A method of mapping electronic calendar events to at least one topic publisher providing

a service, as per claim 22, wherein said step of incorporating a link further comprises:

    for each of said one or more topic channels, performing the steps:

        determining if a link to a related service already exists; and

            if said link to said service does not exist, creating and opening said

link.

28. (cancelled)

29.   A method of mapping electronic calendar events to at least one topic publisher providing

a service, as per claim 22, wherein said one or more topic channels are provided by a topic

publisher providing an information service.

30.   A method of mapping electronic calendar events to at least one topic publisher providing

a service, as per claim 22, further comprising the step:

    storing, in a persistent computer storage, said calendar event.

31.   A method of mapping electronic calendar events to at least one topic publisher providing

a service, as per claim 22, wherein said method is implemented locally or remotely on one or

more computer-based systems.

32.   A method of mapping electronic calendar events to at least one topic publisher providing

a service, as per claim 22, wherein said method is implemented across networks comprising any

of LANs, WANs, cellular, Internet, or Web-based networks.

33.   A method of creating topic channels for linking calendar events to service messages from

a topic publisher comprising the steps:

    receiving a calendar entry for an event associated with a topic subscriber;

determining a set of topic names for at least one service associated with said calendar

entry;

for each particular topic name in said set of topic names, performing the following steps:

determining if a corresponding topic channel exists for said particular topic name,

said topic channels linked with topic channels remotely provided by said topic publisher;

if said topic channel does not exist, then creating a corresponding topic channel;

and

adding said corresponding topic channel to a set of topic channels;

for each topic channel in said set of topic channels, creating a link in said calendar event

to said topic channel, and

receiving frequently updated service messages from said topic publisher for said topic

names and topic channels that are associated with said event.

34.   A method of linking calendar events to service messages from a topic publisher, as per

claim 33, wherein said step of determining a set of topic names further comprises the steps:

extracting from said calendar event one or more event descriptors, and

determining, based on said one or more event descriptors, said set of topic names.

35.   A method of linking calendar events to service messages from a topic publisher, as per

claim 34, wherein said one or more event descriptors are event categories.

36.   A method of linking calendar events to service messages from a topic publisher, as per

claim 34, wherein said one or more event descriptors are event characteristics.

37.   A method of linking calendar events to service messages from a topic publisher, as per

claim 33, wherein said method is implemented across networks comprising any of LANs,

WANs, cellular, Internet, or Web-based networks.

38.   A method of linking calendar events to service messages from a topic publisher, as per

claim 33, wherein said method is implemented locally or remotely on one or more computer-

based systems.

39.   A subscription system for mapping a topic subscriber creating electronic calendar events

to a topic publisher, said system comprising:

a calendar server handling request for a new calendar entry, said server comprising:

a request handler receiving a request for said calendar entry for an event

associated with a topic subscriber to be scheduled;

a topic selector identifying a category associated with said calendar entry and at

least one service associated with said category;

a topic binding repository mapping said calendar event to a set of topic names for

said services;

a topic finder, determining the existence of a set of topic channels

provided by said topic publisher, wherein said channels correspond to said

topic names received from said repository, and said topic finder further

identifying at least a first and second subset of said set of topic channels;

said first subset populated by topic channels which currently exist within said

calendar system;

said second subset populated by topic channels which currently do not exist

within said calendar system;

a topic creator, creating within the calendar system a set of new topic channels

corresponding to each element of said second subset, said topic creator then

returning said new channels to said topic finder in order to establish a subscription

for frequently updated collections of information to be forwarded to a topic

selector, said topic selector retrieving said topic names and topic channels

associated with said calendar event as established by said topic finder, and

wherein said request handler processes said calendar event by adding a link in said

calendar event to each associated topic channel received from said topic selector, said topic

channel passing messages from a topic publisher to a topic subscriber, and frequently updating

service messages from said topic publisher for said topic names and topic channels associated

with said event.

40.   A subscription system for mapping a topic subscriber creating electronic calendar events

to a topic publisher, as per claim 39, wherein said repository also extracts at least one event

category for said calendar event which said repository uses to determine said list of topic names.

41.   A subscription system for mapping a topic subscriber creating electronic calendar events

to a topic publisher, as per claim 39, wherein said repository also extracts at least one event

characteristic for said calendar event which said repository uses to determine said list of topic

names.

42.   An article of manufacture comprising a computer user medium having a computer

readable program code embodied therein which implements mapping calendar events to service

messages from topic providers, said subscribing comprising the steps:

   receiving a calendar entry for an event associated with a topic subscriber;

   identifying a category associated with said calendar entry and at least one service

associated with said category;

   mapping said calendar event to a set of topic names for said services;

   determining the existence of one or more topic channels, provided by said topic

publisher, which are associated with said topic names;

   opening at least one subscription for said service, each of said at least one subscription

corresponding to one of said one or more topic channels of said event,

   incorporating, within said calendar event, a link to each of said at least one subscription,

and

   receiving frequently updated service messages from said topic publisher for said topic

names and topic channels that are associated with said calendar event.

43.   A method of mapping electronic calendar events to at least one topic publisher providing

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a service, as per claim 22, wherein said step of identifying one or more topic channels further

comprises the step wherein if no topic channels are identified for a specific topic name, creating

a new topic channel corresponding to said specific topic name, wherein said new topic channel

links said calendar entry with a corresponding topic channel remotely provided by a topic

publisher.

Evidence Appendix

None

Related Proceedings Appendix

None